

# Zdeněk Verner

## List of Publications by Year in descending order

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17  
papers

481  
citations

759233

12  
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888059

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Malleable Mitochondrion of <i>Trypanosoma brucei</i> . <i>International Review of Cell and Molecular Biology</i> , 2015, 315, 73-151.	3.2	88
2	Downregulation of the nuclear-encoded subunits of the complexes III and IV disrupts their respective complexes but not complex I in procyclic <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2005, 58, 116-130.	2.5	71
3	A paradigm shift: The mitoproteomes of procyclic and bloodstream <i>Trypanosoma brucei</i> are comparably complex. <i>PLoS Pathogens</i> , 2017, 13, e1006679.	4.7	57
4	Complex I (NADH:ubiquinone oxidoreductase) is active in but non-essential for procyclic <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2011, 175, 196-200.	1.1	41
5	Stage-specific requirement for <i>Isa1</i> and <i>Isa2</i> proteins in the mitochondrion of <i>Trypanosoma brucei</i> and heterologous rescue by human and <i>Blastocystis</i> orthologues. <i>Molecular Microbiology</i> , 2011, 81, 1403-1418.	2.5	36
6	Comparative analysis of respiratory chain and oxidative phosphorylation in <i>Leishmania tarentolae</i> , <i>Crithidia fasciculata</i> , <i>Phytomonas serpens</i> and procyclic stage of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2014, 193, 55-65.	1.1	27
7	Characterization of the NADH:ubiquinone oxidoreductase (complex I) in the trypanosomatid <i>Phytomonas serpens</i> (Kinetoplastida). <i>FEBS Journal</i> , 2007, 274, 3150-3158.	4.7	23
8	Experimental Examination of EFL and MATX Eukaryotic Horizontal Gene Transfers: Coexistence of Mutually Exclusive Transcripts Predates Functional Rescue. <i>Molecular Biology and Evolution</i> , 2011, 28, 2371-2378.	8.9	22
9	Alternative NADH dehydrogenase (NDH2): intermembrane-space-facing counterpart of mitochondrial complex I in the procyclic <i>Trypanosoma brucei</i> . <i>Parasitology</i> , 2013, 140, 328-337.	1.5	20
10	Anaerobic peroxisomes in <i>Mastigamoeba balamuthi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2065-2075.	7.1	19
11	Disparate phenotypic effects from the knockdown of various <i>Trypanosoma brucei</i> cytochrome c oxidase subunits. <i>Molecular and Biochemical Parasitology</i> , 2012, 184, 90-98.	1.1	16
12	Mitochondrial pyruvate carrier in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2016, 100, 442-456.	2.5	14
13	Anaerobic peroxisomes in <i>Entamoeba histolytica</i> metabolize myo-inositol. <i>PLoS Pathogens</i> , 2021, 17, e1010041.	4.7	13
14	Lineage-specific activities of a multipotent mitochondrion of trypanosomatid flagellates. <i>Molecular Microbiology</i> , 2015, 96, 55-67.	2.5	12
15	Characterization of Two Mitochondrial Flavin Adenine Dinucleotide-Dependent Glycerol-3-Phosphate Dehydrogenases in <i>Trypanosoma brucei</i> . <i>Eukaryotic Cell</i> , 2013, 12, 1664-1673.	3.4	10
16	Mitochondrial membrane potential-based genome-wide RNAi screen of <i>Trypanosoma brucei</i> . <i>Parasitology Research</i> , 2010, 106, 1241-1244.	1.6	6
17	The Remarkable Mitochondrion of Trypanosomes and Related Flagellates. <i>Microbiology Monographs</i> , 2010, , 227-252.	0.6	6